

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions of claims in the application:

1. (Currently amended): A method of extracting nucleic acid or protein using ~~dendrimers~~ dendrimers, in which multi-layer ~~dendrimers~~ dendrimers are formed on the surface of fine particles, amino radicals are formed on the surface of the ~~dendrimers~~ dendrimers, and nucleic acid or protein is extracted using these amino radicals.

2. (Currently amended): A method of extracting nucleic acid or protein using ~~dendrimers~~ dendrimers in accordance with claim 1, wherein said fine particles are those of bacteria-derived magnetic bodies, artificial magnetic bodies, metals, plastic beads, glass beads, or gel state substances.

3. (Currently amended): A method of extracting nucleic acid or protein using ~~dendrimers~~ dendrimers in accordance with claim 1 or claim 2, wherein said ~~dendrimers~~ dendrimers are laminated on the surface of said fine particles after treating the surface of said fine particle with amino-silane.

4. (Currently amended): A method of extracting nucleic acid or protein using ~~dendrimers~~ dendrimers in accordance with claim 1 or claim 2, wherein said ~~dendrimers~~ dendrimers are of the second generation and above.

5. (Currently amended): A method of extracting nucleic acid or protein using ~~dendrimers~~ dendrimers in accordance with claim 1 or claim 2, wherein protein is extracted using the antigen-antibody reaction by bonding antibodies to the surface of said ~~dendrimers~~ dendrimers.

6. (Currently amended): ~~Dendrimers-compositional~~ Dendrimers-compositional substances which are composed of fine particles, multi-layer ~~dendrimers~~ dendrimers repeatedly synthesized on the surface of these fine particles, and amino radicals covering the surface of the above ~~dendrimers~~ dendrimers, and are configured so that nucleic acid or protein can be captured by these amino radicals.

7. (Currently amended): ~~Dendrimers-compositional~~ Dendrimers-compositional substances in accordance with claim 6, wherein said fine particles are those of bacteria-derived magnetic bodies, artificial magnetic bodies, metals, plastic beads, glass beads, or gel state substances.

8. (Currently amended): ~~Dendrimers-compositional~~ Dendrimers-compositional substances in accordance with claim 6 or claim 7, wherein said ~~dendrimers~~ dendrimers are laminated on the surface of said fine particles after treating the surface of said fine particles with amino-silane.

9. (Currently amended): ~~Dendrimers-compositional~~ Dendrimers-compositional substances in accordance with claim 6 or claim 7, wherein said ~~dendrimers~~ dendrimers are of the second generation and above.

10. (Currently amended): ~~Dendrimers-compositional~~ Dendrimers-compositional substances in accordance with claim 6 or claim 7, which are configured so that protein is captured using the antigen-antibody reaction by bonding antibodies to the surface of said ~~dendrimers~~ dendrimers.

11. (New): A method of extracting nucleic acid or protein using dendrimers in accordance with claim 1, wherein said fine particles are magnetic bodies.

12. (New): A method of extracting nucleic acid or protein using dendrimers in accordance with claim 11, wherein said magnetic bodies are bacteria-derived magnetic bodies.

13. (New): A method of extracting nucleic acid or protein using dendrimers in accordance with claim 11, wherein said magnetic bodies are artificial magnetic bodies.

14. (New): A method of extracting nucleic acid or protein using dendrimers in accordance with claim 11, wherein said fine particles have a size of about 50 to about 60 microns.

15. (New): A method of extracting nucleic acid or protein using dendrimers in accordance with claim 1 or claim 2, wherein said fine particles have a size of about 50 to about 60 microns.

16. (New): Dendrimers-compositional substances in accordance with claim 6, wherein said fine particles are magnetic bodies.

17. (New): Dendrimers-compositional substances in accordance with claim 16, wherein said magnetic bodies are bacteria-derived magnetic bodies.

18. (New): Dendrimers-compositional substances in accordance with claim 16, wherein said magnetic bodies are artificial magnetic bodies.

19. (New): Dendrimers-compositional substances in accordance with claim 16, wherein said fine particles have a size of about 50 to about 60 microns.

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20. (New): Dendrimers-compositional substances in accordance with claim 6 or claim 7,
wherein said fine particles have a size of about 50 to about 60 microns.